PTO/SB/05 (08-03)

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UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	60246-271	١
First Inventor	Sienel	
Title	A Method for Extracting Carbon	I
Express Mail Label No.	EV221421914US	

See MPEP		ON ELEMENTS ning utility patent application contents.	ADDRES	SS TO: Commiss P.O. Box	Patent Applications Sioner for Patents 1450 Tia VA 22313-1450			
2. Application App	it an original and a di- cant claims small 7 CFR 1.27. flication red arrangement se riptive title of the in- is Reference to Rela- ment Regarding Fe- rence to sequence I computer program li- ground of the Inven- Summary of the Invo- Description of the Di- led Description of the Di- led Obscription of the Di- act of the Disclosur	[Total Pages 14] vertion vertion ted Applications d sponsored R & D isting, a table, sting appendix tion ention vertion vertion vertion (if filed)	8. Nucleo (if applia. b. i	D-ROM or CD-R in dup omputer Program (Appropriate and/or Amino Action icable, all necessary) Computer Readable Specification Sequence CD-ROM or Computer Statements verifying COMPANYING A Assignment Papers (CC 37 CFR 3.73(b) Statements Statement Papers (CC 37 CFR 3.73(b) Statement Papers (CC	endix) I Sequence Subset Form (CRF) ence Listing on: CD-R (2 copies) eg identity of ab PPLICATIO ever sheet & done in the content in the cont	owe copies N PARTS cument(s)) Power of		
b.	wy executed (ori py from a prior ap r continuation/div DELETION OF I Signed statement a name in the prior a 1.63(d)(2) and 1.33 lication Data She	oplication (37 CFR 1.63(d)) isional with Box 18 completed) NVENTOR(S) ttached deleting inventor(s) epplication, see 37 CFR (b). et. See 37 CFR 1.76	11.					
specification fo	NUING APPLICA Ilowing the title, of The state of the stat	ATION, check appropriate box, and sup, or in an Application Data Sheet under 3.	ply the requis 7 CFR 1.76: tion-in-part (CIF					
Prior application in For CONTINUAT	information: TON OF DIVISION d a part of the disc	Examiner AL APPS only; The entire disclosure of the closure of the accompanying continuation and upon when a portion has been inadverted.	prior applica	Art Unit: tion, from which an oath	incorporated by	supplied under Box		
		19. CORRESPONI	DENCE ADI	DRESS				
	ner Number:	026096		OR Corre	espondence add	dress below		
Name '	Karin H. Buto							
Address		key & Olds, P.C.						
400 West Maple Road, Suite 350 City Birmingham State MI Zip Code 48009						48009		
			40000			248-988-8363		
Name (Print/Ty	CONTRACTOR OF COMMENTS AND ADMINISTRATION OF THE PERSON OF	Charles and Control of the Control o	and opposition to the control of	No. (Attorney/Agent)	45,864			
Signature	1111	M BUTT	115		5	cember 2, 2003		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-03)
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FFF TRANS	Complete if Known						
	WILLIA	L.	Appli	cation Number	Herewith		
for FY 2	004		Filing Date		Herewith		
for FY 2004 Effective 10/01/2003. Patent fees are subject to annual revision.			First Named Inventor		Sienel		
			Exam	niner Name			
Applicant claims small entity status. S	ee 37 CFR 1.27		Art U	nit			
TOTAL AMOUNT OF PAYMENT	(\$) 846.00		Attorr	ney Docket No.	60246-271		
METHOD OF PAYMENT (check a	all that apply)	C.J. I Charles 1 to 10		FEE CA	ALCULATION (continued)		
Check Credit card Money Order	Other None			ONAL FEES			
Deposit Account:		Fee	Fee	Small Entity Fee Fee	Fee Description		

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)					
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Deposit	Account:		<u>Large l</u>	Entity	Small	Entity			
Deposit		—	Fee Code		Fee Code	Fee (\$)	Fee Description	Fee Paid	
Account Number	03-0835		1051	130	2051	65	Surcharge - late filing fee or oath	100100	
Deposit Account	Carrier Corporation		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		
Name	a sutherized to valench all that apply		1053	130	1053	130	Non-English specification		
	s authorized to: (check all that apply) (s) indicated below	avments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination		
	y additional fee(s) or any underpayment of fee(s)	•	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
<u> </u>	e(s) indicated below, except for the filing fee dentified deposit account.		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
to the above-to	· · · · · · · · · · · · · · · · · · ·	was the sale of th	1251	110	2251	55	Extension for reply within first month		
1. BASIC F	FEE CALCULATION		1252	420	2252	210	Extension for reply within second month		
Large Entity			1253	950	2253	475	Extension for reply within third month		
Fee Fee	Fee Fee Fee Description Fe	e Paid	1254	1,480	2254	740	Extension for reply within fourth month		
Code (\$) 1001 770	Code (\$) 2001 385 Utility filing fee		1255	2,010	2255	1,005	Extension for reply within fifth month		
1002 340	2002 170 Design filing fee	0.00	1401	330	2401	165	Notice of Appeal		
1003 530	2003 265 Plant filing fee		1402	330	2402	165	Filing a brief in support of an appeal		
1004 770	2004 385 Reissue filing fee		1403	290	2403	145	Request for oral hearing		
1005 160	2005 80 Provisional filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding		
	SUBTOTAL (1) (\$) 770.0	00	1452	110	2452	55	Petition to revive - unavoidable		
O EVERA			1453	1,330	2453	665	Petition to revive - unintentional		
2. EXTRA	CLAIM FEES FOR UTILITY AND RE	EISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)		
Total Claims		ee Paid	1502	480	2502	240	Design issue fee		
Total Claims Independent		36.00	1503	640	2503	320	Plant issue fee		
Claims Multiple Depe		2.00	1460	130	1460	130	Petitions to the Commissioner		
· '	ļ		1807	50	1807	7 50	Processing fee under 37 CFR 1.17(q)		
Large Entity Fee Fee	Small Entity Fee Fee Fee Description		1806	180	1806		Submission of Information Disclosure Stmt		
Code (\$)	Code (\$)	i	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00	
1202 18 1201 86	2202 9 Claims in excess of 20 2201 43 Independent claims in exces	ss of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))		
1203 290	2203 145 Multiple dependent claim, if	not paid	1810	770	2810	385	For each additional invention to be		
1204 86	2204 43 ** Reissue independent clair over original patent	ms	1801	770	2801	385	examined (37 CFR 1.129(b)) Request for Continued Examination (RCE)		
1205 18	2205 9 ** Reissue claims in excess and over original patent	of 20	1802	900	1802	900	` '		
	SUBTOTAL (2) (\$) 36.0	00	Other	fee (sp	ecify) _				
**or numbe	r previously paid, if greater; For Reissues, see		*Redu	ced by	Basic F	Filing Fe	ee Paid SUBTOTAL (3) (\$) 40.00		

SUBMITTED BY					(Complete (if applicable))
Name (Print/Type)	Kafin H, Butchko	Da	Registration No.	45,864	Telephone	248-988-8360
Signature	1 will	Kell			Date	December 2, 2003

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UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Tobias Sienel

Serial No.:

Herewith

Filed:

Herewith

Title:

A METHOD FOR EXTRACTING CARBON DIOXIDE FOR

USE AS A REFRIGERANT IN A VAPOR COMPRESSION

SYSTEM

Attorney Docket No.:

60246-271

EXPRESS MAIL CERTIFICATE

"Express Mail" Label Number: EV221421914US

Date of Deposit:

December 2, 2003

I hereby certify that the attached documents or fees are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

EV221421914US)

Amy M. Spaulding

(Typed or printed name of person mailing paper or fee)